

SERIAL NO: 10/091,730

Clean Copy Of The Amended And Added Claims

1. A ground connector for use with an associated distribution transformer which comprises:

a base, said base having a spade connector defining an opening and comprising a fixed jaw and a first guide portion; and

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a movable member, said movable member defining a receiving cavity and comprising a movable jaw and a second guide portion, at least partially defined by the receiving cavity, said cavity receiving said first guide portion wherein said first guide portion and said second guide portion are configured for sliding engagement to guide longitudinal movement of said movable member with respect to said base to form a clamp, one of said first guide portion and said second guide portion has a pair of opposing ribs and said other said first guide portion and second guide portion has a pair of opposing channels which cooperate with said ribs; and

securement means for securing said base and movable member so that when a cable is received between said fixed jaw and said movable jaw, said jaws are securably clampable against said cable.

9. A ground connector installation comprising:

a distribution transformer, having a generally cylindrical shaped housing and having a ground connecting means;

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a base, said base having a spade connector defining an opening and comprising a fixed jaw and a first guide portion;

a movable member, said movable member defining a receiving cavity and comprising a movable jaw and a second guide portion, at least partially defined by the receiving cavity, said cavity receiving said first guide portion wherein said first guide portion and said second guide portion are configured for sliding engagement to guide longitudinal movement of said movable member with respect to said base to form a

clamp, one of said first guide portion and said second guide portion has a pair of opposing ribs and said other said first guide portion and second guide portion has a pair of opposing channels which cooperate with said ribs; and

A2 securement means for securing said base and movable member so that when a cable is received between said fixed jaw and said movable jaw, said jaws are securably clampable against said cable; and

a bolt extending through said opening into said ground connecting means for mounting said base to said transformer.

A3 12. The ground connector installation of claim 9, wherein said first guide portion has ribs and said second guide portion has cooperating channels.

New claims 13-17 as follows:

13. The ground connector of claim 1, wherein said clamp secures a cable to the ground connector.

Rule 1.26 sub C3 A4 14. The ground connector of claim 13, wherein said cable is secured in said claim in an orientation which is perpendicular to a direction of said longitudinal movement of said movable member with respect to said base.

16. 15. 16. The ground connector installation of claim 9, wherein the fixed jaw and said movable jaw are defined by a pair of intersecting surfaces which extend transversely to the longitudinal movement of said movable member.

17. 16. The ground connector installation of claim 9, wherein said securement means comprises a first bolt engagable with said movable member and threadably engaged to said base.

Rule 1.26
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The ground connector installation of claim 9, wherein said movable member defines a longitudinal axis, said spade connector defining a plane orthogonal to said axis.
